Amendment to the Claims

1. (original) A device comprising:

a substrate;

at least one solid-state optical amplifier attached to the substrate; and
a plurality of mirrors attached to the substrate and moveable relative to the
substrate independent of each other;

wherein light having a wavelength within a selected range enters the device, is amplified by the amplifier and reflected by one of the mirrors to exit the device in a direction controlled by the mirror.

- 2. (original) The device of claim 1, wherein the light is amplified by the amplifier before and after reflection by the mirror.
- 3. (original) The device of claim 1, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.
- 4. (currently amended) The device of claim 1, wherein the mirror moves relative to the amplifier is contained in the substrate.
- 5. (new) The device of claim 1, further comprising a photodetector disposed adjacent to the amplifier.
- 6. (new) The device of claim 1, wherein the amplifier serves as a photodetector.
- 7. (new) The device of claim 1, wherein a lead for the amplifier serves as a torsion bar.

8. (new) A device comprising:

a substrate;

a plurality of solid-state optical amplifiers attached to the substrate; and a plurality of mirrors attached to the substrate and moveable relative to the substrate independent of each other, each of the mirrors being aligned with a corresponding one of the amplifiers;

wherein light having a wavelength within a selected range enters the device, is amplified by the one amplifier and reflected by the corresponding mirror to exit the device in a direction controlled by the mirror.

- 9. (new) The device of claim 8, wherein the light is amplified by the amplifier before and after reflection by the mirror.
- 10. (new) The device of claim 8, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.
- 11. (new) The device of claim 8, wherein the mirror moves relative to the amplifier.
- 12. (new) The device of claim 8, further comprising a photodetector disposed adjacent to the amplifier.
- 13. (new) The device of claim 8, wherein the amplifier serves as a photodetector.
- 14. (new) The device of claim 8, wherein a lead for the amplifier serves as a torsion bar.

15. (new) A device comprising:

a substrate;

a plurality of solid-state optical amplifiers attached to the substrate; and a plurality of mirrors attached to the substrate and moveable relative to the substrate independent of each other, each of the mirrors being aligned with a corresponding one of the amplifiers;

wherein light having a wavelength within a selected range enters the device, is amplified by the one amplifier and reflected by the corresponding mirror to exit the device in a direction controlled by the mirror, with the light detected by the device.

- 16. (new) The device of claim 15, wherein the light is amplified by the amplifier before and after reflection by the mirror.
- 17. (new) The device of claim 15, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.
- 18. (new) The device of claim 15, wherein the mirror moves relative to the amplifier.
- 19. (new) The device of claim 15, wherein the light is detected by a photodetector that is disposed adjacent to the amplifier.
- 20. (new) The device of claim 15, wherein a lead for the amplifier serves as a torsion bar.